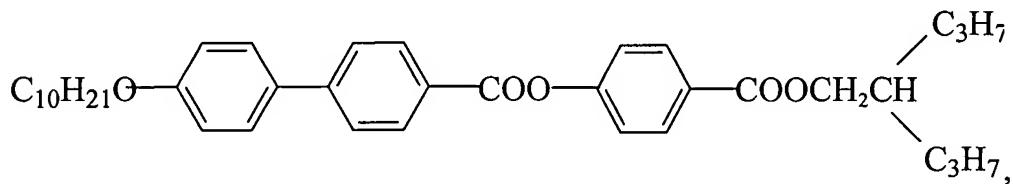


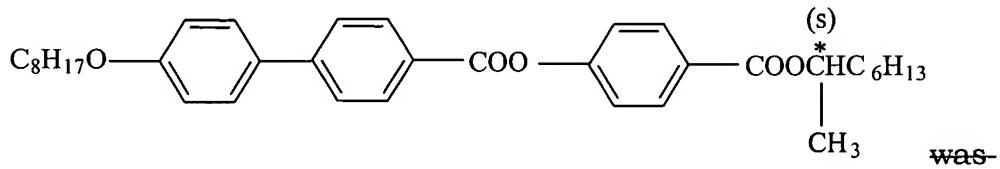
Amendments to the Specification:

Please replace the paragraph beginning on page 7, line 19, and ending on page 8, line 5, with the following amended paragraph:

The achiral swallow-tailed compound, 2-propylpentyl-4-4'-decyloxybiphenyl-4-carbonyloxy)benzoate, the chemical structure formula is



and mixed a well known antiferroelectric liquid crystal, (S)-4-(1-methylheptyloxy)carbonylphenyl 4'-octyloxy-4-biphenylcarboxylate, the chemical structure formula is



~~used for mixing with antiferroelectric liquid crystal material to generate a binary ferroelectric liquid crystal mixture.~~